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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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25 YEAR
RE-REVIEW

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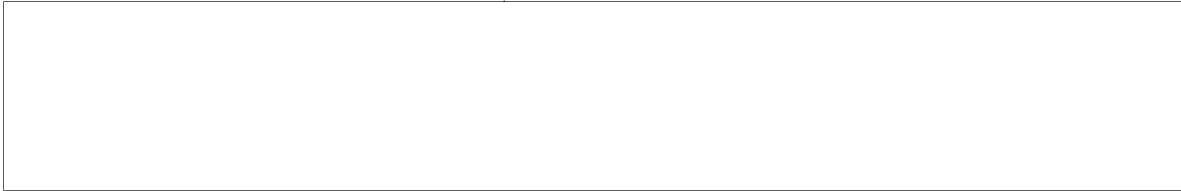
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-2-



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IV. APPENDICES



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Appendix 'B'

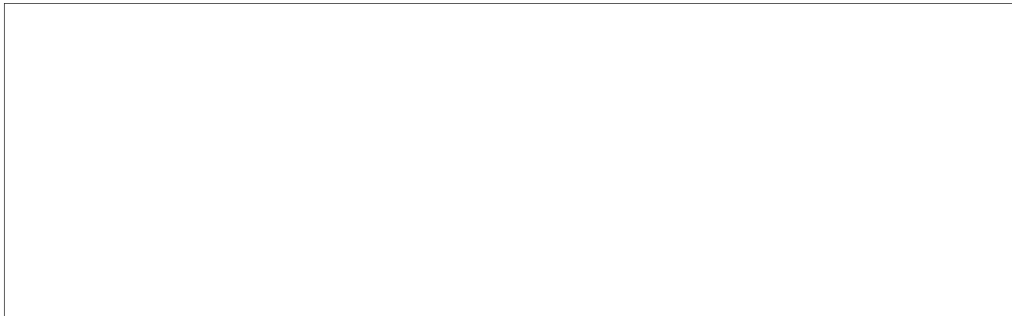
Guided Missiles

- See separate sheet attached.

Appendix 'C'

Electronics

- Refer Appendix 'B'.



25X1

Appendix 'G'

Scientific Order of Battle -

(b) Personalities - German
(c) " - Russian



25X1

V. ANNEXURES

Annexure 'A' Figure 1 - Sketch of Wasserfall Missile.

SECRET

SECRET

Appendix 'B' to

Page No.1.

GUIDED MISSILES

1. [] after the organization at PEENEMÜNDE had been disrupted by bombing, part of the production of the Wasserfall missile was "contracted out" to various firms, including the following:-

- (a) ZITTAUER Maschinenfabrik (Saxony) - centre section.
- (b) Bertram MÜLLER, WERDANAU - " "
- (c) FRUHWALD und JAEGER, NÜRNBERG - rear section.
- (d) LINKE HOFFMANN, BRESLAU - power plant.
- (e) BENTZLER Werke, BIELEFELD - front section.

2. [] the ZITTAUER Maschinenfabrik [] firm which specialized in the production of textile machinery was well able to change over to this new work.

3. [] only the Centre Section and the tanks were manufactured at ZITTAU, but that the other parts of the missile were delivered to this firm and there the weapons, less the electrical equipment was assembled. [] the two tanks in the centre section of the missile (refer figure 1) were so arranged that they shared in the skin stressing.

4. [] approximately 30 complete (less electrical equipment) missiles could have been assembled, and bases this estimate on the following:-

Approx. 15 centre sections manufactured by ZITTAU.
" 15 " " delivered from Bertram MÜLLER.

5. [] these missiles were assembled for firing trials at PEENEMÜNDE.

6. Difficulties in Production.

Great difficulties were experienced in welding the various parts of the missile and progress was extremely slow. From time to time design changes were issued by PEENEMÜNDE in order to overcome this welding difficulty. But only a few missiles were ever assembled, and these were sent to PEENEMÜNDE.

7. Towards the end of the war, work on the Wasserfall missile at ZITTAU ceased, and the remaining unassembled Wasserfall equipment sent to an unknown destination by a man (name unknown) who came from PEENEMÜNDE specially for this purpose.

8. Russian Occupation.

When the Russian army entered ZITTAU in the beginning of May 1945, the Zittauer Maschinenfabrik A.G., was immediately occupied. The works' manager, and [] his deputy were arrested by the Russians and taken to the prison in BAUTZEN, and later to a camp in MÜHLBERG.

SECRET

SECRET

Appendix 'B' to

Page No.2.

9. They were released towards the end of July 1946, and re-assigned to their old firm. They then learnt that in the meantime the work had been completely dismantled and was now under Russian occupation.

10. Russian Personalities.

- Director - Col. NETSHEYEV
(a) Assistants - Capt. DAMILOV }
- Ing. GAEVESKY }
(b) Frequent visitor to factory and later seen in Werk 88
at PODLIPKI - Lt. Col. SYNILZIKOV.

11. [] the management had engaged a number of German engineers, technicians and workers, to redesign the AA Wasserfall type rocket. The German workshop manager at this time was Ing. WALDIN.

12. In order to implement the above programme a number of machine tools were assembled. The works however even with these tools, was not in a position to produce all the components needed and orders were placed on other firms.

13. On the 22nd October 1946, []
[] the ZITTAUER Maschinfabrik A.G. was to be dismantled, and shipped to Russia. The following German personnel were the only other members of the staff to be deported:-

Ing. ARNHOLD
Ing. SEIFERT
Foremen KÄPSCH and HIMPLER.

15. Having been taken to DRESDEN, this small group met other deportees, and travelled on a special train via FRANKFURT/Oder, WARSAW, BREST to MOSCOW, arriving in the beginning of November 1946.

16. After various delays the party arrived in the courtyard of Werk 88, PODLIPKI, and from there were allotted their living quarters in various villages. []

17. [] the Germans employed at PODLIPKI were in general accommodated according to their technical status as follows:-

VALENTINOVKA - Prof. Dr. etc.
MAMONTOVKA - Ing.
BOLSHAYEVO - Ing.
KLIASMA } - Mechanics, labourers, etc.
KUSHKINO }

SECRET

SECRET

Appendix 'B' to

Page No. 3.

18. Work at PODLIPKI.

[redacted] the Germans were employed in the Administrative block in PODLIPKI and that there was no technical equipment in the block.

19. For the first three weeks no work was done other than to get the rooms in order, and to demand and arrange office equipment etc.

[redacted]

21. [redacted]

[redacted] Nii.88 which is subordinate to the Ministry for Weapons, was controlled at that time by General GONOR, who had as his assistant Prof. POBEDONOSOV, and that orders were given [redacted] to prepare the complete production details of the Wasserfall missile (without electrical equipment). Such details were to include:-

- (a) Manufacturing details of each component.
- (b) Machine tools and workshop processing data.
- (c) Man/hours required.

22. [redacted] the production plan was to be drawn up in such a manner that the following alternatives were covered:-

- (a) Production of one missile per day
- or
- (b) " " three " " "

[redacted]

23. [redacted]

The task was completed within nine months. [redacted]

[redacted]

24. [redacted] the first transport left PODLIPKI for OSTASHKOV (GORODOMLYA) in Whitsun 1947 and [redacted] the second transport which departed in Jan/Feb. 1948.

25. Work on the Island of GORODOMLYA.

- 1st Task - Surveyor party (up to winter 49).
- 2nd " - Workshops (1950)
- 3rd " - Ballistic Section under Dr. WOLFF (1951).

SECRET

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SECRET

Appendix 'G'(c) to

Page No.1.

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SCIENTIFIC ORDER OF BATTLE

(c) Personalities - Russian

Col. NETSHEYEV	- Director of ZITTAUER Maschinenfabrik during period of Russian occupation. Wasserfall interest.
Capt. DAMILOV)	
Ing. GAEVESKY)	- Assistants to the above.
Lt. Col. SYNILZIKOV	- Visited the factory, and later seen at PODLIPKI.
General GONOR	- Head of Nil 88 at PODLIPKI.
Prof. POBEDONOSOV	- Assistant to above.

SECRET

SECRET

Appendix 'G'(b) to

Page No.1.

25X1

SCIENTIFIC ORDER OF BATTLE

(b) Personalities - German

Ing. WALDIN - Manager of ZITTAUER Maschinenfabrik during
period of Russian occupation.

Ing. ARNHOLD)

Ing. SEIFERT)

Foreman KAPSCH) - Deported to Russia, PODLIPKI in October
1946 - probably had some connection with
" HIMPLER) the production plans for the Wasserfall
missile.

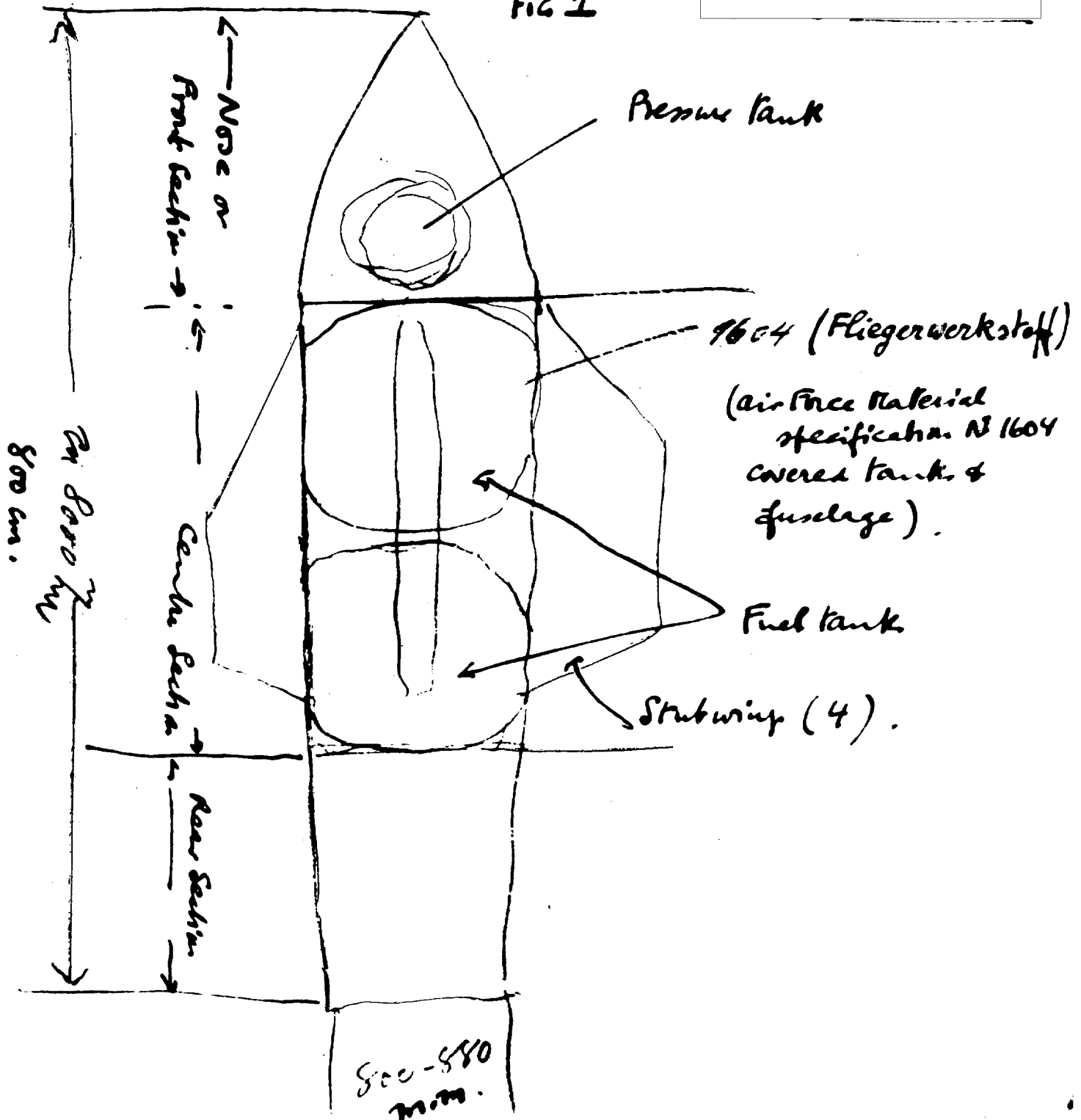
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ANNEXURE 'A' G

FIG 1



SKETCH OF WASSERFALL MISSILE